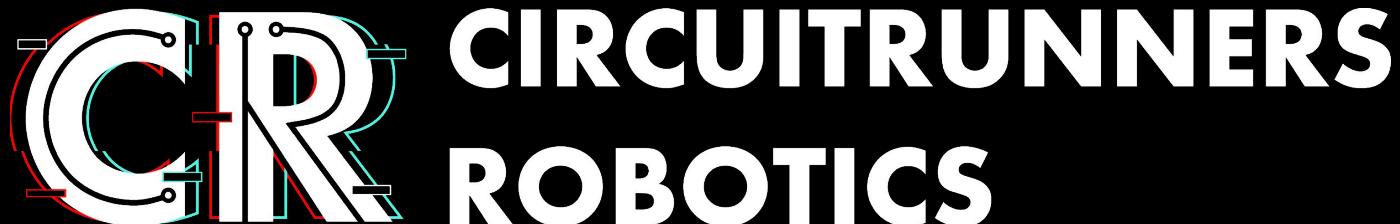
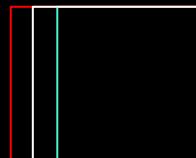


Interest Meeting

Tuesday, August 25

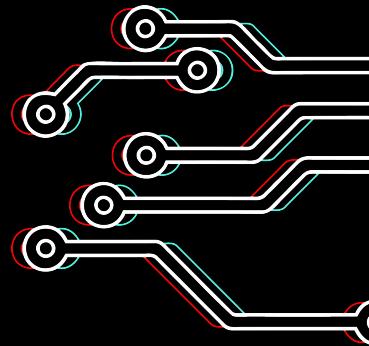
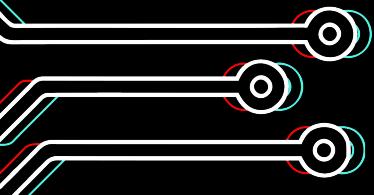


Welcome & Introduction



Agenda

1. Organization overview
2. Opportunities to get involved
3. CircuitRunners financials
4. COVID Policy
5. Questions / Wrapping Up



Why Join CircuitRunners?



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CircuitRunners Overview



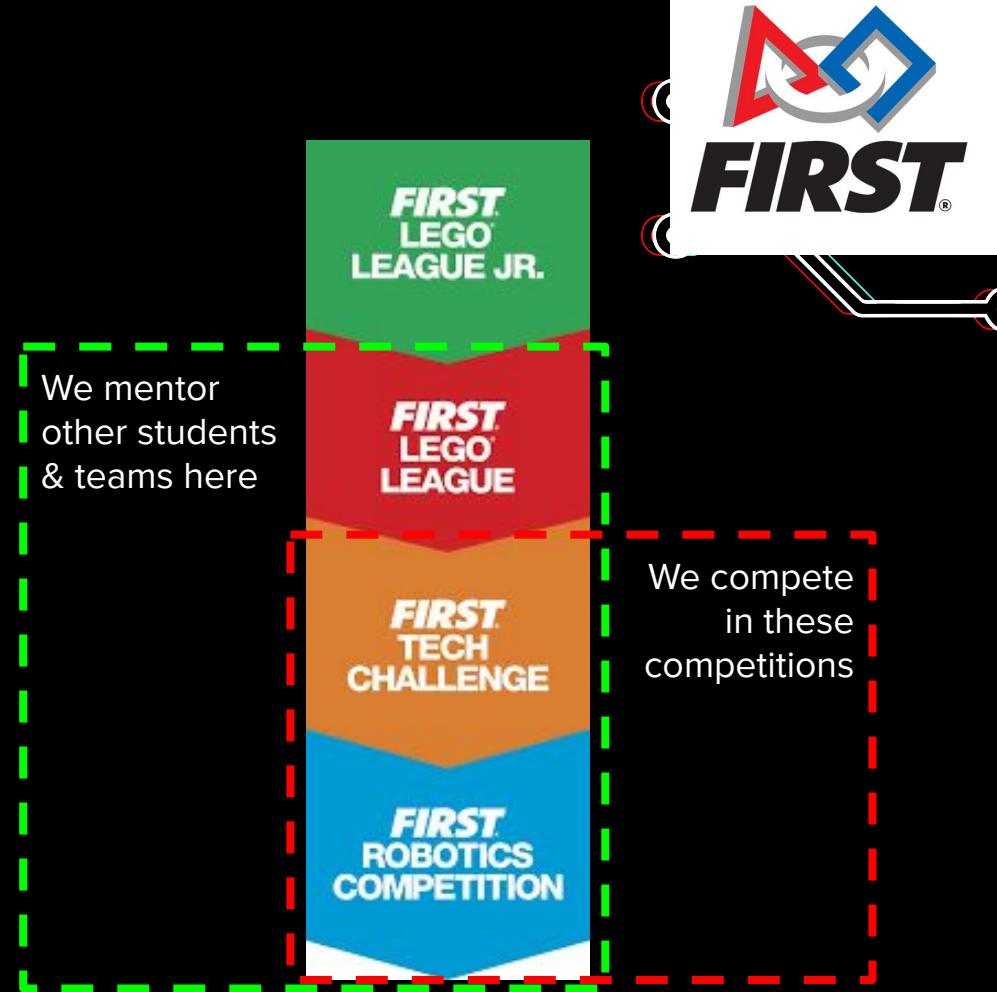
About Us

- Nonprofit FIRST robotics organization based at Wheeler HS
- Our mission is to provide STEM-based learning opportunities to students & the community
- Established in 2002
- 60 active members last year



What is FIRST?

- For Inspiration and Recognition of Science and Technology (FIRST)
- Focuses on STEM opportunities and teaching *Gracious Professionalism* and *Coopertition®*



CircuitRunners Student Leadership Team



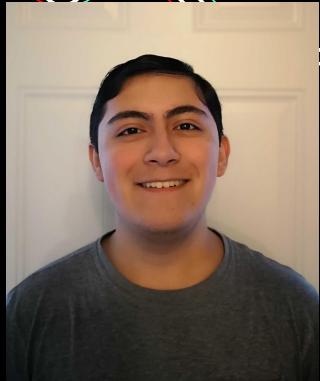
Neha Prabakaran
Executive Director



Ewuraba Buckle
Director of
Communications



Nelitha Kulasiri
Director of Events



Orlando Karam Jr.
Director of Operations

CircuitRunners Team Leads & Coaches

Team Leads



FTC 11347

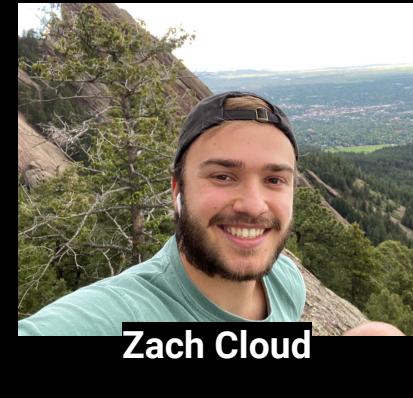


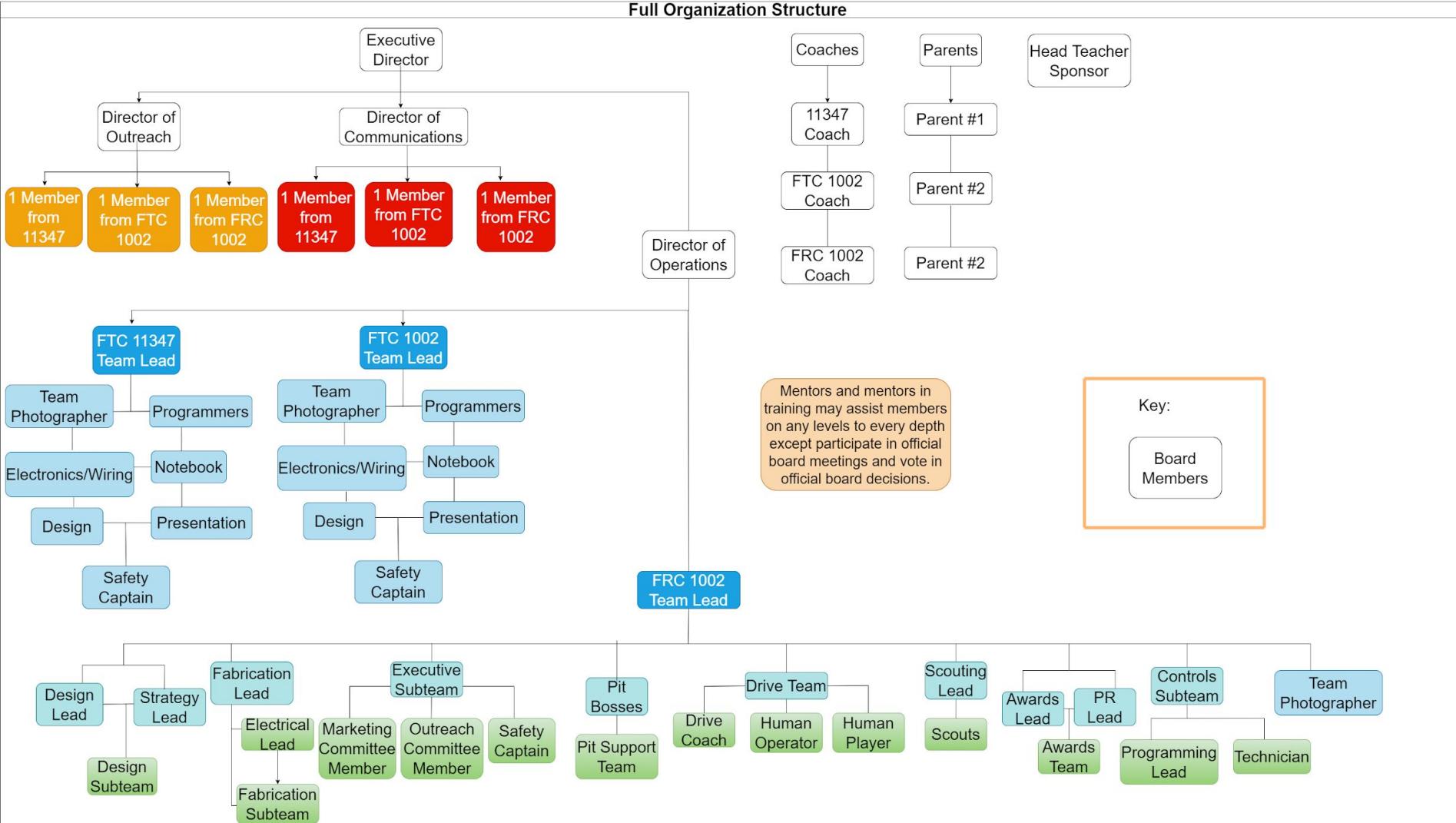
FTC 1002



FRC 1002

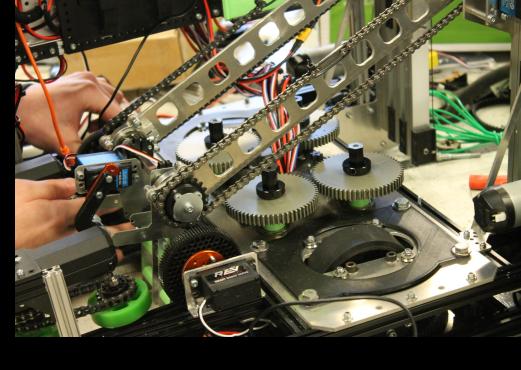
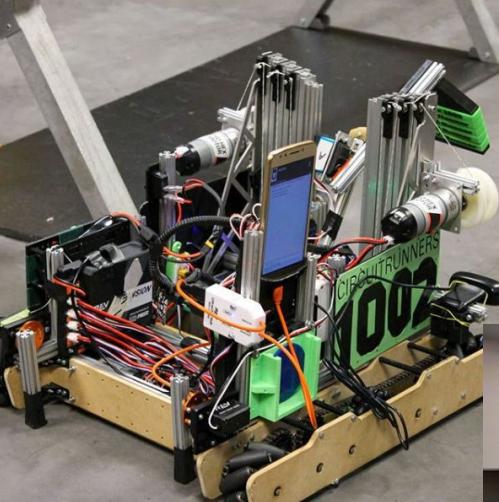
Coaches





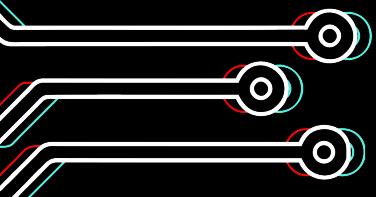
First Tech Challenge

- 2v2 matches
- 12'x12' field
- We often use sheet metal and 3D printers to fabricate parts
- Longer build season to perfect robot



Season: September - April

Competitions: Saturdays in Atlanta; Champs in TX



1002

Lead: Jack Turbush
Coach: Cameron Huggins

11347

Lead: Aidan Lecroy
Coach: Kyle Fender

18"x18"x18" sizing limit
More time to perfect robot
Longer season, less intense

FIRST Robotics Competition

- 3v3 arena-style matches
- We build a new 120 lb. robot each year
- Rapid prototyping is key!

Season: November- April

Competitions: Across GA, champs in TX

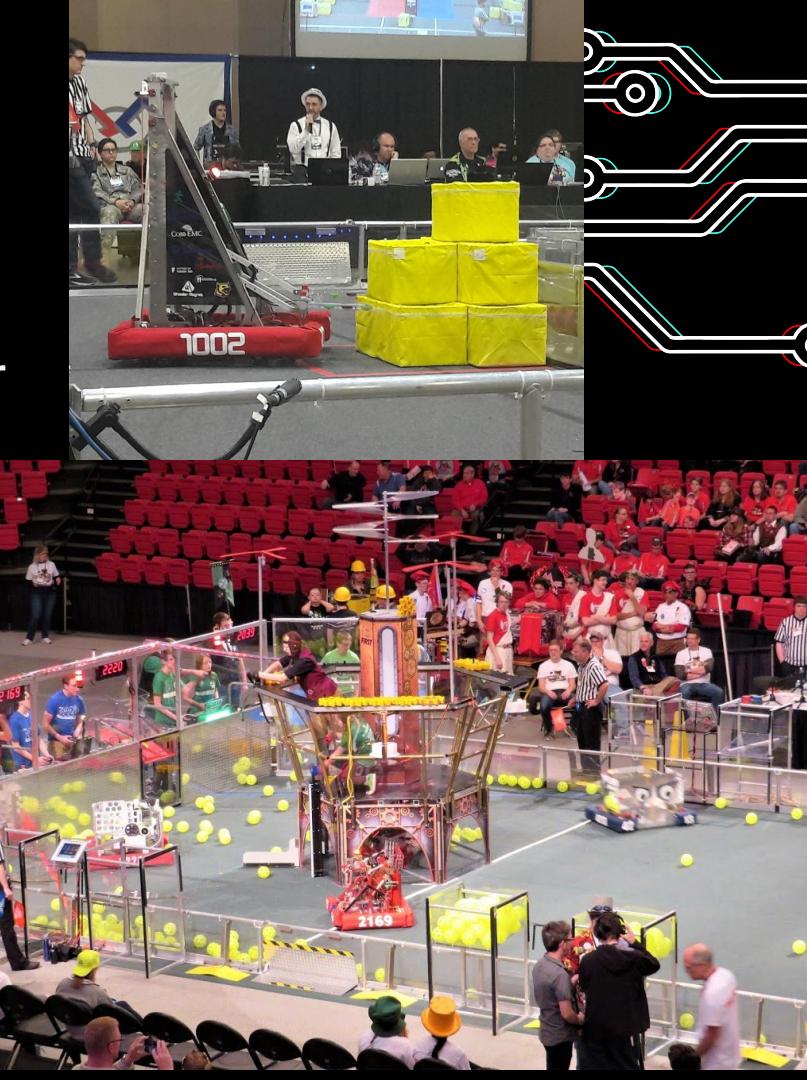
1002

Lead: Sean Ross

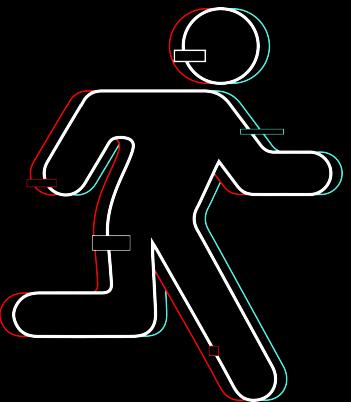
Coach: Zach Cloud

Quick tidbits:

- 2:30 matches
- Strategy is key
- Compete against many local HS



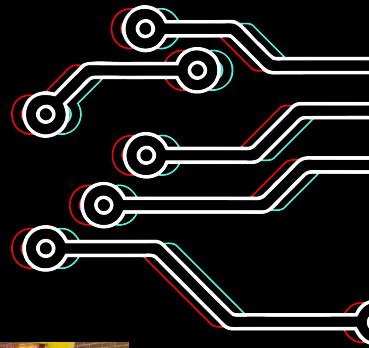
Outreach



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What is Outreach?

As a FIRST organization, it is important to help share STEM with our local community to help grow the next generation of scientists and engineers.



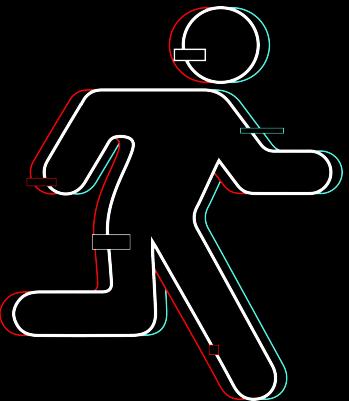
What does outreach do?

Our general outreach activities fall into a few categories:

- Robot demos
 - Take place at schools, community events, and competitions
- Mentoring
 - Mentor local FIRST teams, and local STEM programs
- Work with Professionals in STEM
 - We talk with professionals in STEM to learn from them and get advice on our robots
- Hosting FIRST events
 - We host workshops and competitions for FLL teams in our local area
- Advocacy
 - Work to get more funding for STEM programs within our state and nationwide



Marketing



What is Marketing & Why is it Important?

- Process of getting people interested in one's company/organization
- It can help with the following:
 - Recruiting sponsors
 - Recruiting members
 - Connecting with other teams
 - Raising funds
 - Spreading awareness of organization



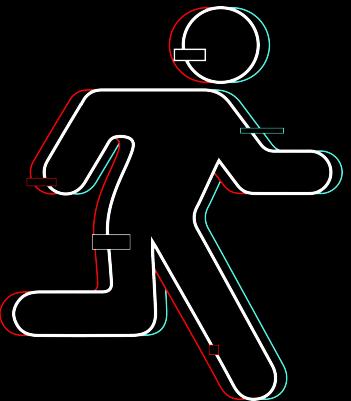
What does CR's Marketing do?

Generally, we focus on:

- Corporate Relationships
- Fundraising
- Branding and social media
- Stakeholder relations



Involvement Opportunities





FRC Team Positions

- Design subteam
- Fabrication subteam
- Controls subteam
- Executive subteam

At competitions:

- Pit team
- Drive team
- Scouting team
- Awards team



FTC Team Positions

- Build
- Design
- Programming
- Notebook Team
- Team Photographer
- Presentation Team
- Safety Captain

Outreach Positions

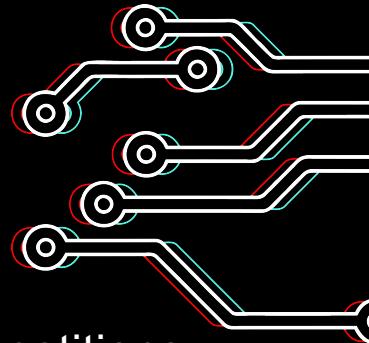
- Mentoring
- Advocacy
- FLL Events
- Demos and other events

Marketing Positions

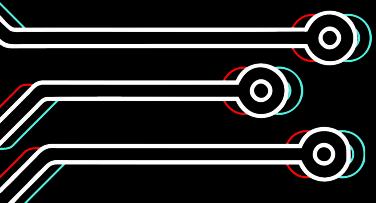
- Graphic Designers
- Photographers
- Grant Writers



Season

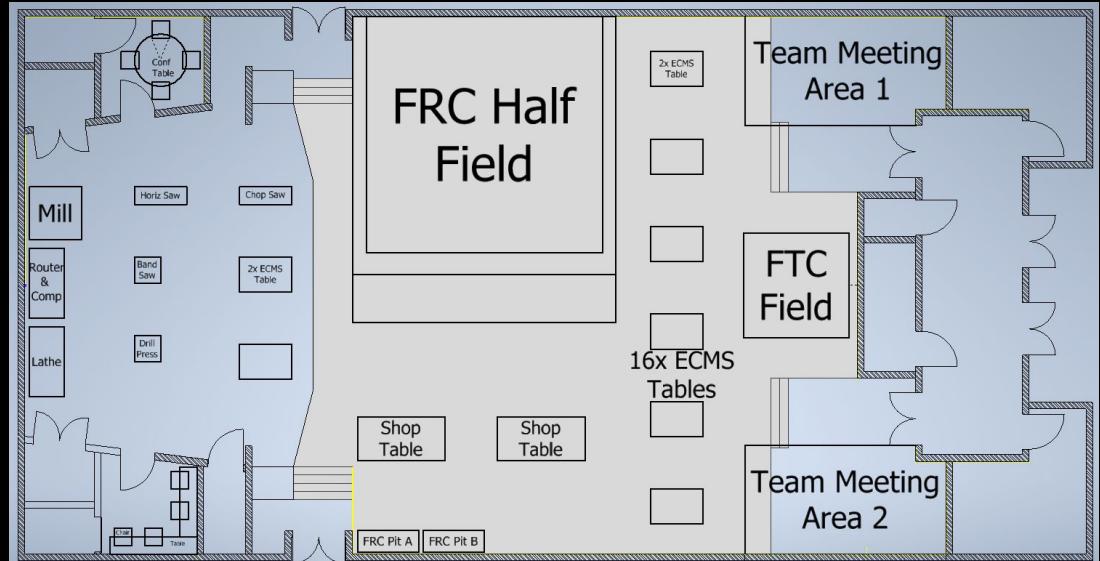


- FIRST has only announced their FTC COVID-19 policy, with competitions being possibly virtual and matches being scored by each individual team.
 - FRC policy will be released at a later date
- This policy will put a great focus on virtual design and remote engineering
- Our club will focus on investing in our knowledge base and member skills



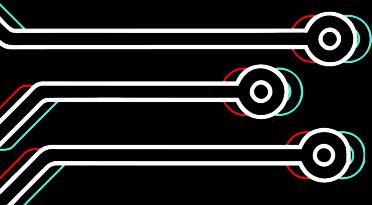
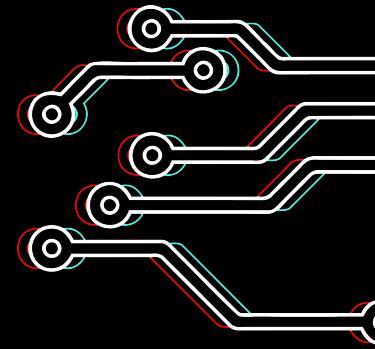
Season (cont'd)

- Principal Gillihan gifted us with Wheeler's old auditorium to use as a build space!
- We are working to renovate when we return



Parent Involvement

- Our parent organization supports the work our students & mentors do- We couldn't exist without this support!
- CircuitRunners Parents are expected to help by:
 - Transportation of students from meetings / events
 - Volunteering at outreach events
 - Shop & competition chaperone

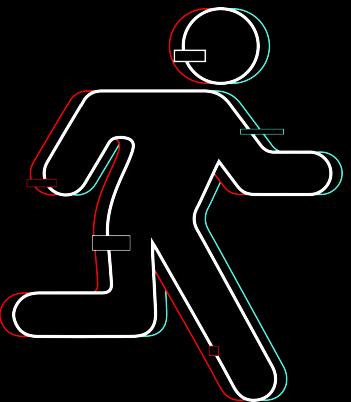


Registration for this year

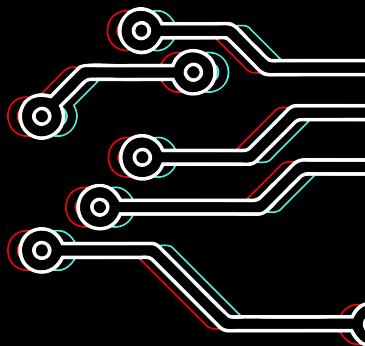
- At the end of this presentation is the intent to register form
- After you fill that out, you will receive an email to join our onboarding Google Classroom where you can pay dues, fill out forms, etc.
- Onboarding will be due before the CircuitRunners Virtual Kickoff that will take place on September 5th



Financials for 2020-2021



About CircuitRunners Financials



- 501(c)(3) status
- Funded by dues, fundraising and corporate giving
- Always trying to reduce cost for students- we are a STEM equity organization
- Scholarships available



CircuitRunners Sponsors

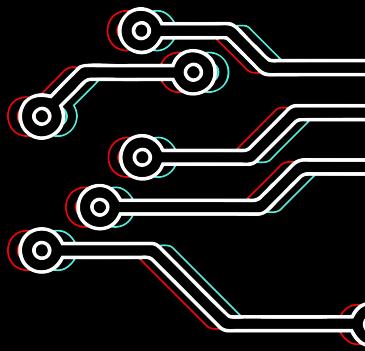


RW SMITH COMPANY
GENERAL CONTRACTOR



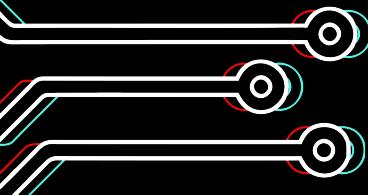
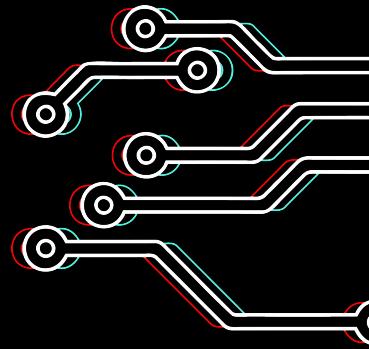
Dues

- Expected Total: \$250 (\$100 decrease from last year)
 - Initial \$150 payment due Sept 5
 - Up to \$100 additionally may be charged in January for spring dues
- We will have scholarships available!

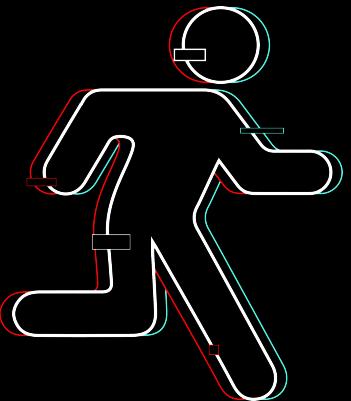


What your dues get you

- Merch package
 - T-shirt
 - Team jersey
 - Other swag- buttons, stickers, etc.
- Access to mentorship, scholarships, and general team operations
- Ability to build some great robots!



CircuitRunners COVID Policy



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COVID Policy

We will be following CCSD & public health guidelines to ensure safety of our students.

For now:

- 100% virtual, no contact
- No transporting of materials or tools.
- Robots will be built in isolation
- All outreach events will be virtual

Design Priority Example:
Priority #4- Game Piece Manipulation

Here, we need to figure out the path of the ball.

We know that the ball compresses, and that we will need to maintain contact between it and both the rollers and the static ground/robot:

Pivot for rollers

Bumper

Interior Of Robot

Conveyor & Roller System

Ball



Questions?

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Contact Info & Registration

If you're ready to register, please visit:

<https://bit.ly/3hl7UjP>



If you have any other questions, please reach us to us at:

info@circuitrunners.com

Or if you have any questions for the school, please reach out to our teacher sponsor, Mr. Berwanger:

Mars.Berwanger@cobbk12.org

